

**Amendments to the Claims:**

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A rust inhibitor ~~prepared by admixing zinc and aluminum formed to have a flaky shape to a modified silicone resin solution consisting~~ essentially of:

zinc flakes of a size ranging from 150 mesh up to 300 mesh;

aluminum flakes of a size ranging from 150 mesh up to 300 mesh; and

a solution of modified silicone resin.

2. (Currently Amended) A rust inhibitor according to claim 1, wherein the zinc ~~and aluminum flakes and the aluminum flakes~~ are manufactured from zinc powder and aluminum powder, respectively, with a stamping mill ~~and formed to have a flaky shape mill.~~

3. (Canceled)

4. (Currently Amended) A rust inhibitor according to claim 1, wherein the modified silicone resin ~~solution~~ has two types of ~~the~~ functional groups with different reactivity.

5. (Previously Presented) A rust inhibitor according to claim 1, wherein the modified silicone resin solution comprises an organosilane-type silicone resin.

6. (Previously Presented) A rust inhibitor according to claim 1, wherein the modified silicone resin solution comprises an alkoxy oligomer having an alkoxysilyl group (Si-OR).

7. (Previously Presented) A rust inhibitor according to claim 1, wherein the modified silicone resin solution comprises a demethanolization-curable methyl-type silicone resin.

8. (Previously Presented) A rust inhibitor according to claim 1, wherein the modified silicone resin solution comprises an oligomer-type silane coupling agent.

9. (Currently Amended) A rust inhibitor according to claim 1, wherein the modified silicone resin solution further comprises a curing catalyst.

10. (Currently Amended) A rust inhibitor according to claim 1, wherein the modified silicone resin solution further comprises an aluminum alkoxide ( $\text{Al(OR)}_3$ ).

11. (Previously Presented) A rust inhibitor according to claim 10, wherein the modified silicone resin solution further comprises at least one alcohol.

12. (Previously Presented) A rust inhibitor according to claim 1, wherein the viscosity of the modified silicone resin solution is 22-25  $\text{mm}^2/\text{S}$  at a temperature of 25°C.

13. (Currently Amended) A method of inhibiting the formation of rust comprising:

preparing zinc flakes of a size ranging from 150 mesh up to 300 mesh and aluminum ~~formed to have a flaky shape;~~ flakes of the same mesh range;

preparing a rust inhibitor ~~by mixing consisting essentially of the zinc and aluminum formed to have a flaky shape to~~ flakes, the aluminum flakes, and a modified silicone resin solution;

coating an iron or steel structure with the rust inhibitor; and

drying the coated rust inhibitor.

14. (New) A rust inhibitor according to claim 1, wherein the zinc flakes and the aluminum flakes are of a size ranging from 150 to 180 mesh.

15. (New) A method for producing a rust inhibitor comprising:

preparing zinc flakes of a size ranging from 150 mesh up to 300 mesh and aluminum flakes of a size ranging from 150 mesh up to 300 mesh from zinc powder and aluminum powder, respectively, using a stamping mill;

mixing the zinc flakes and the aluminum flakes with a solution of modified  
silicone resin,

wherein the rust inhibitor consists essentially of the zinc flakes, the aluminum  
flakes, and the modified silicone resin solution.